[A] a throat lozenge may comprise just a lysin enzyme (which lyses the *Streptococcus* A strain causing "strep" throat, or it may also include the lytic enzymes for *Hemophilus*. Similarly, the carrier for treating burns and wounds, or infections of the skin, may contain just one lytic enzyme, or a combination of lytic enzymes, for the treatment of *Pseudomonas*, *Streptococcus*, *Staphylococcus*, or any other of a number of bacteria.

IN THE CLAIMS

Please cancel claims 19-45, and add the following claims:

46) A lozenge for treating an upper respiratory tract bacterial infection caused by *Streptococcus Group A*, wherein said composition is produced by the method of:

a) obtaining an effective amount of at least one lytic enzyme genetically coded for by at least one bacteriophage specific for said *Streptococcus Group A*, said at least one specific lytic enzyme having the ability to specifically digest a cell wall of said *Streptococcus Group A* and,

b) mixing said at least one lytic enzyme produced in step (a) with a lozenge carier for delivering said enzyme to a mouth, throat, or nasal passage.

47) The composition according to claim 46, wherein said at least one lytic enzyme is present in a concentration of about 100 to about 10,0000 active enzyme units per milliliter of fluid in the wet environment of the nasal or oral passages.

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48) A lozenge for treating an upper respiratory tract bacterial infection caused by *Streptococcus*

Group A, said lozenge comprising:

(a) an effective amount of at least one lytic enzyme genetically coded for by at leat one bacteriophage specific for said *Streptococcus Group A*, said at least one specific lytic enzyme having the ability to specifically digest a cell wall of said *Streptococcus Group A*; and,

(b) a lozenge carrier for delivering said enzyme to a mouth, throat, or nasal passage.

49) The composition according to claim 48, wherein said composition further comprises a buffer that maintains a pH of the composition at a range between about 4.0 and 9.0.

50) The composition according to claim 49, wherein the buffer maintains the pH of the composition at the range between 5.5 and 7.5.

51) The composition according to claim 49, wherein said buffer comprises a reducing reagent.

52) The composition according to claim 51, wherein said reducing agent is dithiothreitol.

53) The composition according to claim 49, wherein said bbuffer comprises a metal chelating reagent.

54) The composition according to claim 53, wherein said metal chelating reagent is ethylenediaminetetracetic disodium salt.